

Wastewater Management Division - Permit Application  
**Wastewater System & Potable Water Supply**



**For Office Use Only:**

Application#	PIN#	Date Complete Application Received
<input type="text"/>	<input type="text"/>	<input type="text"/>

**Authority:**  
 10 V.S.A. Chapter 64, the Environmental Protection Rules, Chapter 1, Wastewater System & Potable Water Supply Rules, and Chapter 21, Water Supply Rules, Appendix A. Part 11 - Small Scale Water Systems.

**General Information:**  
 The organization and/or content of this form may not be altered, however, the form is designed to expand to allow additional information to be entered. Changes in the organization and/or content of the form may result in an invalid application or permit.  
 In most cases a licensed designer will be required for your project and to help complete this application form. There are also line-by-line instructions available to assist with completing this form.

**NOTE: We strongly suggest referring to the application instructions while completing this application form.**

**Part I Applicant (Landowner) & Project Contact Information**

**Section A - Applicant Details (if Landowner is an Individual or Individuals)**

1 Last Name		2 First Name (and Middle Initial if appropriate)	
<input type="text"/>		<input type="text"/>	
3 Mailing Address Line 1		4 Mailing Address Line 2	
<input type="text"/>		<input type="text"/>	
5 Town/City	6 State/Province	7 Country	8 Zip/Postal Code
<input type="text"/>	<input type="text"/>	United States	<input type="text"/>
9 Email Address			10 Telephone
<input type="text"/>			<input type="text"/>

**Section B - Applicant Details (if Landowner is other than an Individual or Individuals, e.g. Corporations, Homeowner's Associations, etc.)**

1 Registered Legal Entity or Organization Name		2 Telephone	
Patnaude Family Trust		425-2183	
3 Mailing Address Line 1		4 Mailing Address Line 2	
213 Eastry Court		<input type="text"/>	
5 Town/City	6 State/Province	7 Country	8 Zip/Postal Code
Charlotte	Vermont	United States	05445

**Certifying Official**  
 The Certifying Official must be a person who has signatory authority for the legal entity or organization that is the Applicant. A copy of the document authorizing this person to act as a signatory authority must be attached to this application.

9 Certifying Official Last Name		10 Certifying Official First Name (and MI if appropriate)	
Patnaude		John and Sue Anne	
11 Certifying Official Title			
Trustees			
12 Certifying Official Email Address			13 Telephone
<input type="text"/>			425-2183

<b>Section C - Primary Contact Information (if other than Applicant)</b>			
1 Last Name		2 First Name (and Middle Initial if appropriate)	
<input type="text"/>		<input type="text"/>	
3 Mailing Address Line 1		4 Mailing Address Line 2	
<input type="text"/>		<input type="text"/>	
5 Town/City	6 State/Province	7 Country	8 Zip/Postal Code
<input type="text"/>	<input type="text"/>	United States	<input type="text"/>
9 Email Address			10 Telephone
<input type="text"/>			<input type="text"/>

<b>Section D - Building/Business Owner Information</b>			
1 Last Name		2 First Name (and Middle Initial if appropriate)	
<input type="text"/>		<input type="text"/>	
3 Mailing Address Line 1		4 Mailing Address Line 2	
<input type="text"/>		<input type="text"/>	
5 Town/City	6 State/Province	7 Country	8 Zip/Postal Code
<input type="text"/>	<input type="text"/>	United States	<input type="text"/>
9 Email Address			10 Telephone
<input type="text"/>			<input type="text"/>

<b>Part II Certifying Designer(s) Information</b>			
1 Designer Last Name		2 Designer First Name (and Middle Initial if appropriate)	
Revell		Stephen	
3 Designer License#	4 Company Name		
00178	Lincoln Applied Geology		
5 Mailing Address Line 1		6 Mailing Address Line 2	
163 Revell Drive		<input type="text"/>	
7 Town/City	8 State/Province	9 Country	10 Zip/Postal Code
Lincoln	Vermont	United States	05443
11 Email Address			12 Telephone
srevell@lagvt.com			(802) 453-4384
13 Designer Role(s) (check all that apply)			
<input checked="" type="checkbox"/> Water Supply Designer			
<input checked="" type="checkbox"/> Wastewater Disposal System Designer			
<input type="button" value="Remove This Designer"/>			

<b>Part III Property Location Information</b>		
<b>Section A - Property Parcel ID#(s) and Location(s)</b>		
1 Please provide the property location information including Town or City Parcel ID#, Town/City, and Street or Road location in the table below:		
(a) Town/City Parcel ID#	(b) Town or City	(c) Street or Road Location
<input checked="" type="checkbox"/> 1-01-14-12	Charlotte	Eastry Court
<input type="button" value="Add Another Property"/>		

Section B - Center of Property GPS Coordinates	
1 Enter the approximate center of property coordinates using GPS set for NAD83 or as derived from a map (map must be based on NAD83).	
(a) Latitude (in decimal degrees to five decimal places, ex. 44.38181°)	(b) Longitude (in decimal degrees to five decimal places, ex. -72.31392°)
N <input type="text" value="44.34443"/> °	W (-) <input type="text" value="73.25605"/> °

**Part IV Project Information**

**Section A - General Project Information & Questions**

1 Project Name (if applicable) <input type="text" value="Patnaude Lot 12 Subdivision"/>	2 Total Acreage of Property <input type="text" value="5"/>
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3 Business Name (if applicable)

4 Detailed Project Description  
Subdivision of improved +/- 5 acre Lot 12 property into improved Lot 12 a +/-2.1 acre property served by the shared Lot 4 and 12 mound (EC-4-1446) and a connection to the 7-lot shared water system (WW-4-0696); and proposed Lot 13 a +/-2.9 acre property served by an existing, unused off-site well on the Patenaude +/- 20 acre retained property and an off-site mound disposal area on the Patenaude Lot 11 property. In order to create less than 5 acre Lots 12 & 13, 7.5 acres of Lot 10 (east & west) is proposed as open space leaving 2.5 acres of Lot 10 west for future development.

5 Were all buildings or structures, campgrounds, and their associated potable water supplies and wastewater systems substantially completed before January 1, 2007 and all improved and unimproved lots in existence before January 1, 2007?  Yes  No

6 Does this application include subdividing the property?  Yes  No

7 Has anyone from the Wastewater Management Division's Regional Office been to the property?  Yes  No

If Yes, enter the staff person's name and the date of the visit.

(a) Name of Staff Person <input type="text" value="Spencer Harris"/>	(b) Date of Visit <input type="text" value="07-12-2010"/>
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8 Will any construction occur within 50 feet of a wetland boundary, mapped or designated?  Yes  No  
*If Yes, contact the Wetlands Program of the Water Quality Division at (802) 241-3770.*

9 Will more than one acre be disturbed during the entire course of construction, including all lots and phases?  Yes  No  
*If Yes, contact the Stormwater Program of the Water Quality Division at (802) 241-4320.*

10 Will there be any stream crossings by roads, utilities, or other construction?  Yes  No  
*If Yes, contact the River Corridor Mgmt. Program of the Water Quality Division at:*  
Central & Northwest Vermont ..... (802) 879-5631  
Southern Vermont ..... (802) 786-5906  
Northeastern Vermont ..... (802) 751-0129

11 Is the project located in a special flood hazard area as designated on the flood insurance maps prepared for a municipality by the Federal Emergency Management Agency?  Yes  No  
*If Yes, show the special flood hazard area limits on the site plan.*

12 Act 250: Has the Applicant (Landowner) subdivided any other lots of any size within a five mile radius of this subdivision, or within the environmental district within the last five years?  Yes  No  
*If Yes, enter the town(s) and the associated number of lots in the table below:*

(a) Town	(b) Number of Lots
<input type="text"/>	<input type="text"/>

**Add Another Town/Lot**

13 Is there any prior Act 250 jurisdiction on the tract of land?.....  Yes  No

If Yes, enter the Act 250 permit number:

(a) Act 250 Permit Number

**Section B - Project Deed Reference**

1 Please provide the Town, Book, and Page reference for the current landowner's deed(s) to this property in the table below:

	(a) Town	(b) Book	(c) Page(s)
<input checked="" type="checkbox"/>	Charlotte	185	218
<input checked="" type="checkbox"/>	Charlotte	185	477

**Add Another Deed Reference**

**Section C - Project Plan Reference**

1 Please provide the following information for all water supply and wastewater disposal system plans being submitted.

	(a) Sheet#	(b) Title	(c) Plan Date	(d) Plan Revision Date
<input checked="" type="checkbox"/>	1	Site Plan with Lot 12 Subdivision	09-01-2010	
<input checked="" type="checkbox"/>	2	Blow-up of Lot 11 & 13 Mound	9/1/2010	
<input checked="" type="checkbox"/>	3	Lot 13 Wastewater System Details	9/1/2010	

**Add Another Plan Reference**

**Section D - Existing Project Lot/Building Details**

Please provide the existing project details. This section is used to describe what is existing for the project. For example, if you are subdividing an undeveloped 21-acre parcel, you would list the existing parcel. If you are revising the boundary lines of two commercial lots in an industrial park, and constructing an addition to an existing building you would list the existing lot numbers, existing acres, existing buildings, existing uses, construction date(s), prior permits, and answer the compliance questions.

1 Lot#	2 Lot Size (acres)	3 Existing Use of the Lot
12	5	Single Family Residential

4 Provide the following information for each building on the lot:

(a) Building ID	(b) Existing Use	(c) Date Construction of Building Substantially Complete	(d) Prior Permits	(e) In compliance with existing permits?
<input checked="" type="checkbox"/> 1	Residential		EC-4-1446-1	<input checked="" type="radio"/> Yes <input type="radio"/> No

**Add Another Building**

**Remove This Lot**

**Add Another Lot**

**Section E - Proposed Project Lot/Building Details**

This section is used to describe what you are proposing to do in this project. For example, if you were going to create 4 lots for construction of single family residences, you would list each lot, proposed acreage, proposed buildings, and proposed use.

1 Lot#	2 Lot Size (acres)	3 Proposed Use of the Lot
12	2.1	Single Family Residential

4 Is the lot being created as part of a subdivision? .....  Yes  No

5 Are you requesting that the Blood, Marriage, or Civil Union special fee be applied to this lot? .....  Yes  No

6 If the lot is exempt, please indicate the specific exemption from the Wastewater System and Potable Water Supply Rules? .....

7 Provide the following information for each building on the lot:

(a) Building ID	(b) If building is exempt, indicate exemption	(c) Construction or increased flow?	(d) Proposed Use
X 1	§1-304(A)(1)	<input type="checkbox"/>	3 bedroom residence
<b>Add Another Building</b>			
Remove This Lot			
1 Lot#	2 Lot Size (acres)	3 Proposed Use of the Lot	
13	2.9	Single Family Residential	
4 Is the lot being created as part of a subdivision? ..... <input checked="" type="radio"/> Yes <input type="radio"/> No			
5 Are you requesting that the Blood, Marriage, or Civil Union special fee be applied to this lot? ..... <input type="radio"/> Yes <input checked="" type="radio"/> No			
6 If the lot is exempt, please indicate the specific exemption from the Wastewater System and Potable Water Supply Rules? ..... <input style="width: 100px;" type="text"/>			
7 Provide the following information for each building on the lot:			
(a) Building ID	(b) If building is exempt, indicate exemption	(c) Construction or increased flow?	(d) Proposed Use
X 1		<input checked="" type="checkbox"/>	3 bedroom residence
<b>Add Another Building</b>			
Remove This Lot			
<b>Add Another Lot</b>			

Part V	Water Supply Information
<b>Section A - Water Supply Screening Questions</b>	
1 Are you proposing a new water supply for this project? .....	<input checked="" type="radio"/> Yes <input type="radio"/> No
2 Are you proposing changes to an existing water supply for this project? .....	<input type="radio"/> Yes <input checked="" type="radio"/> No
3 Is there a connection to an existing water supply for the project? .....	<input checked="" type="radio"/> Yes <input type="radio"/> No
<i>If you answered No to all three of the above questions, skip to Part VI. Otherwise, proceed with Part V.</i>	
<b>Section B - General Water Supply Questions</b>	
1 Does this project involve a failed water supply? .....	<input type="radio"/> Yes <input checked="" type="radio"/> No
2 Will any of the proposed water sources serve 25 or more people or have 15 or more service connections? .....	<input type="radio"/> Yes <input checked="" type="radio"/> No
<i>If Yes, the applicant must contact the Water Supply Division at (802) 241-3400 for source, construction and operating</i>	
3 Are any of the existing or proposed water sources located within a special flood hazard area? .....	<input type="radio"/> Yes <input checked="" type="radio"/> No
4 Are any of the existing or proposed water sources located within a floodway? .....	<input type="radio"/> Yes <input checked="" type="radio"/> No
5 Are any of the proposed water sources located within 1 mile of a hazardous waste site as designated by the Waste Management Division and identified on the Agency mapping website? .....	<input type="radio"/> Yes <input checked="" type="radio"/> No
<i>If Yes, please submit additional information on the site. The Waste Management Division can be reached at (802) 241-3888.</i>	
6 Does this project require an approval letter from the Water Supply Division for the construction of a public water system, municipal water line extension over 500 feet, or hydrants or sprinkler systems? .....	<input type="radio"/> Yes <input checked="" type="radio"/> No
<i>If Yes, please submit a copy of the approval letter from the Water Supply Division.</i>	
7 Does the proposed or existing water supply(ies) use a water treatment device to obtain compliance with the quality requirements in the Water Supply Rule? .....	<input type="radio"/> Yes <input checked="" type="radio"/> No
<i>If Yes, please submit additional information regarding the constituent(s) that exceeds the standards and plans, details, and specifications of the treatment device.</i>	

8 Is any portion of the proposed water supply located in or near a Water Source Protection Area as designated by the Water Supply Division?  Yes  No

*If in areas of known interference issues, please contact the Water Supply Division at (802) 241-3400.*

**Section C - Individual Water Supply Details**

Please provide the following information for each of the existing and proposed water supply(ies) serving a building or structure, or campground on the property.

1 Water Supply Name/Identifier Lot 12 Connection (EC-4-1446-1)	2 Water Supply Owner (if not Applicant) Patnaude Family Trust
3 Water Source Type Non-Public Non-Bedrock Well	4 Type of Change to Supply No Change

5 Lots/Buildings Served by this Water Supply System

(a) Lot#	(b) Building ID	(c) Type of Change to the Building's Supply	Design Flows (Gallons Per Day)			(g) Rule or Meter Based Flows
			(d) Existing	(e) Increase	(f) Total	
12	1	No Change	420	0	420	Rule-based
Add Another Lot/Building Served by this Supply			6	7	8	
			420	0	420	

9 Is this water supply located off-lot?  Yes  No

10 Is this water supply shared?  Yes  No

*If the water supply is located off-lot or shared, submit a copy of the agreement to provide an easement prior to construction.*

11 Is a variance being requested for this water supply?  Yes  No

*If Yes, please submit additional details related to the variance request.*

**Remove This Water Supply**

1 Water Supply Name/Identifier Lot 13 Well	2 Water Supply Owner (if not Applicant)
3 Water Source Type Non-Public Drilled Bedrock Well	4 Type of Change to Supply New System

5 Lots/Buildings Served by this Water Supply System

(a) Lot#	(b) Building ID	(c) Type of Change to the Building's Supply	Design Flows (Gallons Per Day)			(g) Rule or Meter Based Flows
			(d) Existing	(e) Increase	(f) Total	
13	1	Connection to New System	0	420	420	Rule-based
Add Another Lot/Building Served by this Supply			6	7	8	
			0	420	420	

9 Is this water supply located off-lot?  Yes  No

10 Is this water supply shared?  Yes  No

*If the water supply is located off-lot or shared, submit a copy of the agreement to provide an easement prior to construction.*

11 Is a variance being requested for this water supply?  Yes  No

*If Yes, please submit additional details related to the variance request.*

**Remove This Water Supply**

**Add Another Water Supply**

**Section D - Water Supply Design Flows Summary Table**

1 If the project includes more than one water supply, please list each water supply system and provide the total water supply design flows for the project. **IMPORTANT:** Please don't include systems that were identified in this Part on Section C, Line 4 as a "Replacement Area Designation" in this summary table.

(a) Water Supply Name/Identifier	Design Flows (Gallons Per Day)		
	(b) Existing	(c) Increase	(d) Total
<input checked="" type="checkbox"/> Lot 12 Connection	420	0	420
<input checked="" type="checkbox"/> Lot 13 Well	0	420	420
<b>Add Another Water Supply</b>	2	3	4
	420	420	840

**Part VI Wastewater Disposal System Information**

**Section A - Wastewater Disposal System Screening Questions**

- 1 Are you proposing a new wastewater disposal system or replacement area for this project?  Yes  No
- 2 Are you proposing changes to an existing wastewater disposal system for this project?  Yes  No
- 3 Is there a connection to an existing wastewater disposal system for the project?  Yes  No
- If you answered No to all three of the above questions, skip to Part VII. Otherwise, proceed with Part VI.*

**Section B - General Wastewater Disposal System Questions**

- 1 Does this project involve a failed wastewater disposal system?  Yes  No
- 2 Do any of the systems require a curtain or dewatering drain as part of the design?  Yes  No
- 3 Is a hydrogeologic study required for this project?  Yes  No
- 4 If the project has a soil-based wastewater disposal system with design flows that exceed 1,000 GPD, is this project located in a Class A Watershed?  Yes  No  NA

If Yes, indicate the Class A Watershed in which the system(s) is located:

(a) Class A Watershed Name

- 5 Are there any existing or proposed floor drains as part of this project?  Yes  No

If Yes, indicate where the floor drains will discharge:

(a) Floor Drain Discharge Point

- 6 If the project utilizes an Innovative/Alternative System or Product, has the applicant received a copy of the Wastewater Management Division's approval letter?  Yes  No  NA

- 7 Is any portion of the proposed wastewater disposal system located in or near a Water Source Protection Area as designated by the Water Supply Division?  Yes  No

*If Yes, contact the Water Supply Division at (802) 241-3400.*

**Section C - Individual Wastewater Disposal System Details**

Please provide the following information for each of the existing and proposed wastewater disposal systems serving a building or structure, or campground on the property.

1 Wastewater Disposal System Name/Identifier Lot 12 & 4 Shared Mound	2 Wastewater Disposal System Owner (if not Applicant) 
3 Wastewater Disposal System Type Mound	4 Type of Change to System No Change

5 Lots/Buildings Served by this Wastewater Disposal System

	(a) Lot#	(b) Building ID	(c) Type of Change to the Building's System	Design Flows (Gallons Per Day)				(h) Rule or Meter Based Flows
				(d) Existing	(e) Increase	(f) Infiltration	(g) Total	
<input checked="" type="checkbox"/>	12	1	No Change	840	0	0	840	Rule-based
<b>Add Another Lot/Building Served by this System</b>				6	7	8	9	
				840	0	0	840	

10 Is this wastewater disposal system located off-lot? .....  Yes  No

11 Is this wastewater disposal system shared? .....  Yes  No

*If the wastewater disposal system is located off-lot or shared, submit a copy of the agreement to provide an easement prior to initiation of construction.*

12 Is a variance being requested for this wastewater disposal system? .....  Yes  No

*If Yes, please submit additional details related to the variance request.*

13 If this wastewater disposal system type is a connection to an Indirect Discharge System, please provide the Indirect Discharge System ID number.

Indirect Discharge System ID Number

14 If this wastewater disposal system type is a connection to a municipal system, please select the town.

Town

15 If this wastewater disposal system is a soil-based system, please select the design approach used.

Design Approach Used

16 For soil-based systems, please check all that apply.  
 Storage and Dose     Filtrate

17 If this is an Innovative/Alternative soil-based system, please select the system use type.

Innovative/Alternative System Use Type

18 If this is an Innovative/Alternative soil-based system, please select the Innovative/Alternative system or product.

Innovative/Alternative System or Product

**Remove This Wastewater System**

1 Wastewater Disposal System Name/Identifier <input type="text" value="Lot 13 Mound"/>	2 Wastewater Disposal System Owner (if not Applicant) <input type="text"/>
3 Wastewater Disposal System Type <input type="text" value="Mound"/>	4 Type of Change to System <input type="text" value="New System"/>

**5 Lots/Buildings Served by this Wastewater Disposal System**

	(a) Lot#	(b) Building ID	(c) Type of Change to the Building's System	Design Flows (Gallons Per Day)				(h) Rule or Meter Based Flows
				(d) Existing	(e) Increase	(f) Infiltration	(g) Total	
<input checked="" type="checkbox"/>	13	1	Connection to New System	0	420	0	420	Rule-based
<b>Add Another Lot/Building Served by this System</b>				6	7	8	9	
				0	420	0	420	

10 Is this wastewater disposal system located off-lot? .....  Yes  No

11 Is this wastewater disposal system shared? .....  Yes  No  
*If the wastewater disposal system is located off-lot or shared, submit a copy of the agreement to provide an easement prior to initiation of construction.*

12 Is a variance being requested for this wastewater disposal system? .....  Yes  No  
*If Yes, please submit additional details related to the variance request.*

13 If this wastewater disposal system type is a connection to an Indirect Discharge System, please provide the Indirect Discharge System ID number.  
 Indirect Discharge System ID Number

14 If this wastewater disposal system type is a connection to a municipal system, please select the town.  
 Town

15 If this wastewater disposal system is a soil-based system, please select the design approach used.  
 Design Approach Used

16 For soil-based systems, please check all that apply.  
 Storage and Dose  Filtrate

17 If this is an Innovative/Alternative soil-based system, please select the system use type.  
 Innovative/Alternative System Use Type

18 If this is an Innovative/Alternative soil-based system, please select the Innovative/Alternative system or product.  
 Innovative/Alternative System or Product

**Remove This Wastewater System**

**Add Another Wastewater System**

**Section D - Wastewater Disposal Systems Design Flows Summary Table**

1 If the project includes more than one wastewater disposal system, please list each system on this page and provide the total wastewater disposal design flows for the project. **IMPORTANT:** Please don't include systems that were identified in this Part on Section C, Line 4 as a "Replacement Area Designation" in this summary table.

(a) Wastewater Disposal System Name/Identifier	Design Flows (Gallons Per Day)			
	(b) Existing	(c) Increase	(d) Infiltration	(e) Total
<input checked="" type="checkbox"/> Lot 4 & 12 Shared Mound	840	0	0	840
<input checked="" type="checkbox"/> Lot 13 Mound	0	420	0	420
<b>Add Another Wastewater System</b>	2 840	3 420	4 0	5 1,260

**Part VII Application Fees**

1 Fee Amount

2 Fee Calculation Details

**Part VIII Designer Certification & Copyright License**

**Section A - Certifying Designer 1 Certification & Copyright License**

"I hereby certify that in the exercise of my reasonable professional judgment, the design-related information submitted with this application is true and correct, and that the design included in this application for a permit complies with the Vermont Wastewater System and Potable Water Supply Rules and the Vermont Water Supply Rules.

As the individual who prepared this application, including all documents that are marked as copyrighted, I hereby grant a non-exclusive, limited license to the State to allow the documents to be made available for public review and copying in order to properly implement and operate the permitting programs for Wastewater Systems and Potable Water Supplies, and for no other purposes. As a condition to this license, the State agrees that it will not make any changes to such documents, nor will the State delete any copyright notices on such documents."

1 Check the design(s) you are certifying. This should be the same as the Designer Role(s) you selected in Part II, Section A, Line 13.

Water Supply Designer

Wastewater Disposal System Designer

1 Designer 1 Name	2 Designer 1 Signature	3 Signature Date
Stephen Revell		9/1/10

**Section B - Certifying Designer 2 Certification & Copyright License**

"I hereby certify that in the exercise of my reasonable professional judgment, the design-related information submitted with this application is true and correct, and that the design included in this application for a permit complies with the Vermont Wastewater System and Potable Water Supply Rules and the Vermont Water Supply Rules.

As the individual who prepared this application, including all documents that are marked as copyrighted, I hereby grant a non-exclusive, limited license to the State to allow the documents to be made available for public review and copying in order to properly implement and operate the permitting programs for Wastewater Systems and Potable Water Supplies, and for no other purposes. As a condition to this license, the State agrees that it will not make any changes to such documents, nor will the State delete any copyright notices on such documents."

1 Check the design(s) you are certifying. This should be the same as the Designer Role(s) you selected in Part II, Section B, Line 13.

Water Supply Designer

Wastewater Disposal System Designer

1 Designer 2 Name	2 Designer 2 Signature	3 Signature Date

**Part IX Applicant(s) Signature & Acknowledgements**

In order to insure compliance with the requirements of the regulations administered by the Department of Environmental Conservation, Wastewater Management Division, it may be necessary to visit the property. As this would involve a Department employee entering private property, we request your approval to do so.

1 If we do visit your property, do you have any special instructions?

Set up an appointment with designer.

"As landowner of the property for which I am requesting a permit from the Department of Environmental Conservation, I understand that by signing this application I am granting permission for the Department employees to enter the property, during normal working hours, to insure compliance of the property with the applicable rules of the Department.

I also understand that I am not allowed to commence any site work or construction on this project without written approval from the Department of Environmental Conservation.

If my project utilizes an Innovative/Alternative System or Product, I have received a copy of the Wastewater Management Division's approval letter and agree to abide by the conditions of the approval.

I also certify that to the best of my knowledge and belief the information submitted above is true, accurate and complete."

<input checked="" type="checkbox"/>	2 Print Applicant Name John Patnaude	3 Applicant Signature	4 Signature Date
<input checked="" type="checkbox"/>	2 Print Applicant Name Sue Anne Patnaude	3 Applicant Signature	4 Signature Date

Add Applicant Signature Block

**CHARLOTTE TOWN CLERK'S OFFICE**  
**RECEIVED FOR RECORD**

This 24 day of March A.D. 2010  
 at 10 o'clock 00 minutes a m. and  
 recorded in vol. 185 on page 218-221  
 Attest Shawn D. Balaban Town Clerk  
 aut.

## ACKNOWLEDGEMENT

Return Received (Including Certificate  
 and, if Required, Act 250 Disclosure  
 Statement) and Tax Paid.

Signed Shawn D. Balaban Clerk  
 Date 3/24/2010 aut.

*Attachment 1*  
*Packet*

### QUIT CLAIM DEED

**KNOW ALL PERSONS BY THESE PRESENTS**, that I, SUE ANN PATNAUDE of Charlotte, County of Chittenden and State of Vermont and RICHARD EDWARD PATNAUDE, of Branford, County of New Haven and State of Connecticut, Trustees of the Sue Ann Patnaude Revocable Trust (the "Grantors"), for Ten Dollars and other valuable consideration received, receipt of which is hereby acknowledged, do hereby **GIVE, GRANT, SELL, CONVEY and CONFIRM** unto JOHN D. PATNAUDE and SUE ANNE PATNAUDE, TRUSTEES OF THE PATNAUDE LIVING TRUST dated January 29, 2010, and any amendments thereto, as joint tenants with the right of survivorship, (the "Trustee") and their successors and assigns forever, certain lands, with any improvements thereon and appurtenances thereto, in Charlotte, County of Chittenden and State of Vermont (hereinafter called the "Premises") and described as follows:

Being all and the same lands and premises conveyed to Sue Anne Patnaude and Richard Edward Patnaude, Trustees of the Sue Anne Patnaude Revocable Trust by Quit Claim Deed of John D. Patnaude and Sue Anne Patnaude dated July 6, 2001 and recorded September 18, 2002 in Volume 129 at Page 143 of the Town of Charlotte Land Records and being more particularly described as follows:

**Parcel 1:**

Being all and the same land and premises conveyed to John D. Patnaude and Sue Anne Patnaude by Warranty Deed of Shaun D. Patnaude and Amanda Patnaude dated April 12, 2001 and recorded April 18, 2001 in Volume 115 at Page 331 of the Town of Charlotte Land Records and being more particularly described as follows:

Being all and the same land and premises conveyed to Shaun D. Patnaude, a single person, by Warranty Deed of John D. Patnaude and Sue Anne Patnaude, husband and wife, dated April 23, 1990, of record in Volume 62, Page 335 of the Town of Charlotte Land Records, being more particularly described therein as follows:

"A lot of land situated easterly of Greenbush Road and being designated as "new Lot 12" on a Survey Plan entitled "Subdivision Plan, John and Sue Anne Patnaude, Greenbush Road, Charlotte, Vermont" ("Plan") drawn by Krebs & Lansing Consulting Engineers, Incorporated, 10 Main Street, Colchester, Vermont 05446, Project 83109, which is of record in Map Volume 5, Page 55 of the Town of Charlotte Land Records.

Included with this Lot is right of way and easement in favor of the herein Grantee, his heirs and assigns, said easement has a uniform width of 25' feet and is shown on said Plan as "easement for a sewage force main" and it crosses Lots 3 and 4 as shown on said Plan to an easement surrounding the wastewater mound disposal system and replacement areas shown on said Plan on Lot 4. Said easement shall be for the construction, maintenance, repair and replacement of a subsurface force main sewer pipe and its appurtenances and the right of way shall be for access over and across said easement for the aforementioned purposes. The within Grantee, his heirs and assigns, shall have the obligation to restore the surface of the land, if it is disturbed, to as close to its original condition as possible.

Also included herein is a right of way and easement for the wastewater

mound disposal system and replacement area thereof which mound areas, right of way and easement shall be shared in common with the owners of Lot 4 and their heirs and assigns for the construction, maintenance, repair and replacement of the mound area in which the leach field laterals are located. Any such construction maintenance, repair and replacement shall be done without disturbing the other portion of the mound which contains the leach field laterals for Lot 4, together with the obligation to restore the surface of the land to as close to its original condition as possible and the right in common with the Grantee, and his heirs and assigns, to inspect the mound area and to maintain the surface thereof in an acceptable condition.

Also conveyed herewith is a right of way in common with others over a 60' right of way which is situated on the northerly most 60' of Lot 2 as shown on said Plan, which right of way shall be for ingress and egress for vehicles and pedestrians for all purposes, together with the obligation on the part of the within Grantee, his heirs and assigns, to pay a proportionate share of the cost of maintaining and repairing the existing gravel road on said right of way, said obligation shall include the cost of snow plowing.

The above-referenced land is conveyed subject to the condition that any dwelling house erected on said land must be constructed within the building envelope as shown on the Plan.

Being a portion of the land and premises conveyed to John D. Patnaude and Sue Anne Patnaude by Warranty Deed of Irene A. King, dated September 11, 1978, which is of record in Volume 35, Page 249 of the Town of Charlotte Land Records."

**Parcel 2:**

Being all and the same land and premises conveyed to John D. Patnaude and Sue Anne Patnaude by Warranty Deed of John D. Patnaude and Sue Anne Patnaude dated August 24, 1988 and recorded August 24, 1988 in Volume 57 at Page 73 of the Town of Charlotte Land Records and being more particularly described as follows:

A lot of land situated on the easterly side of Greenbush Road, said lot being designated "Lot 10" on a plan entitled "Final Plat" John and Sue Anne Patnaude, Greenbush Road, Charlotte, Vermont" by Krebs & Lansing Consulting Engineers, Inc., dated March, 1984, Project 83109 which is of record in Map Volume 5, Page 55 of the Town of Charlotte land records.

Being a portion of the land and premises conveyed to John D. and Sue Anne Patnaude by Warranty Deed of Irene A. King, dated September 11, 1978 and of record in Volume 35, Page 249 of the Town of Charlotte land records.

**Parcel 3:**

Being all and the same land and premises conveyed to John D. Patnaude and Sue Anne Patnaude by Warranty Deed of John D. Patnaude and Sue Anne Patnaude dated August 24, 1988 and recorded August 24, 1988 in Volume 57 at Page 70 of the Town of Charlotte Land Records and being

more particularly described as follows:

A lot of land situated on the easterly side of Greenbush Road, said lot being designated "Lot 11" on a plan entitled "Final Plat" John and Sue Anne Patnaude, Greenbush Road, Charlotte, Vermont" by Krebs & Lansing Consulting Engineers, Inc., dated March, 1984, Project 83109 which is of record in Map Volume 5, Page 55 of the Town of Charlotte land records.

Included herein is a right of way shown on said plan having a uniform width of 60 feet for ingress and egress by vehicles and pedestrians for all purposes.

Being a portion of the land and premises conveyed to John D. and Sue Anne Patnaude by Warranty Deed of Irene A. King, dated September 11, 1978 and of record in Volume 35, Page 249 of the Town of Charlotte land records.

Reference is hereby made to the above instruments and to the records and references contained therein in further aid of this description.

**TO HAVE AND TO HOLD** said granted Premises to the Trustees, with the appurtenances thereunto belonging and for the uses and purposes set forth herein and in said Trust Agreement.

Except as herein above noted, the Grantors covenant that they have the right to convey the Premises to the Trustees in the manner aforesaid, that the Trustees shall have quiet possession of the Premises, free from all encumbrances, except as aforesaid, and that Grantors will execute such further assurances as may be requisite. Grantors hereby assign to the Trustees all rights, warranties, actions, and causes of action thereunder held by Grantor with respect to the Premises.

This deed was prepared without the benefit of a title search and the description of the property was furnished by the parties. The preparer of this deed assumes no liability whatsoever either for the accuracy of the legal description or the status of the title to the property.

IN WITNESS WHEREOF, Grantors have hereunto caused this instrument to be signed, this 19<sup>th</sup> day of March, 2010.

IN THE PRESENCE OF:

[Signature]  
Witness

[Signature]  
Sue Anne Patnaude, Trustee

[Signature]  
Richard Edward Patnaude, Trustee

Subscribed and sworn to before me  
this 19<sup>th</sup> day of March, 2010  
[Signature]  
Notary Public  
My Commission Expires 11/30/2012

**CORRECTIVE QUIT CLAIM DEED**

KNOW ALL PERSONS BY THESE PRESENTS, that I, JOHN D. PATNAUDE and WESLEY PATNAUDE, TRUSTEES OF THE JOHN D. PATNAUDE REVOCABLE TRUST, of Charlotte, County of Chittenden and State of Vermont (the "Grantors"), for Ten Dollars and other valuable consideration received, receipt of which is hereby acknowledged, do hereby GIVE, GRANT, SELL, CONVEY and CONFIRM unto JOHN D. PATNAUDE and SUE ANNE PATNAUDE, TRUSTEES OF THE PATNAUDE FAMILY TRUST dated January 29, 2010, and any amendments thereto, as joint tenants with the right of survivorship, (the "Trustee") and their successors and assigns forever, certain lands, with any improvements thereon and appurtenances thereto, in Charlotte, County of Chittenden and State of Vermont (hereinafter called the "Premises") and described as follows:

Being all and the same land and premises conveyed to John D. Patnaude and Wesley Patnaude, Trustees of the John D. Patnaude Revocable Trust by Quit Claim Deed of John D. Patnaude and Sue Anne Patnaude dated July 6 2001 and recorded September 18, 2002 in Volume 129 at Page 140 of the Town of Charlotte Land Records.

The purpose of this deed is to correct the name in which the property will be held, as previously conveyed by that Quit Claim Deed from John D. Patnaude and Wesley Patnaude, Trustees of the John D. Patnaude Revocable Trust to John D. Patnaude and Sue Anne Patnaude, Trustees of the Patnaude Family Trust dated January 29, 2010 and recorded March 24, 2010 in Volume 185 at Page 216 of the Town of Charlotte Land Records.

Reference is hereby made to the above instruments and to the records and references contained therein in further aid of this description.

TO HAVE AND TO HOLD said granted Premises to the Trustees, with the appurtenances thereunto belonging and for the uses and purposes set forth herein and in said Trust Agreement.

Except as herein above noted, the Grantors covenant that they have the right to convey the Premises to the Trustees in the manner aforesaid, that the Trustees shall have quiet possession of the Premises, free from all encumbrances, except as aforesaid, and that Grantors will execute such further assurances as may be requisite. Grantors hereby assign to the Trustees all rights, warranties, actions, and causes of action thereunder held by Grantor with respect to the Premises.

This deed was prepared without the benefit of a title search and the description of the property was furnished by the parties. The preparer of this deed assumes no liability whatsoever either for the accuracy of the legal description or the status of the title to the property.

IN WITNESS WHEREOF, Grantors have hereunto caused this instrument to be signed, this 20<sup>th</sup> day of April, 2010.

IN THE PRESENCE OF:  
[Signature]  
Witness  
[Signature]  
Witness

[Signature]  
John D. Patnaude, Trustee  
[Signature]  
Wesley Patnaude, Trustee

STATE OF VERMONT  
COUNTY OF Chittenden, SS.

At Essex, in said County and State, this 20<sup>th</sup> of April 2010, personally appeared JOHN D. PATNAUDE, TRUSTEE OF THE JOHN D. PATNAUDE REVOCABLE TRUST, and he acknowledged this instrument to be his free act and deed.

Before me, [Signature]  
Notary Public  
My commission expires: February 10, 2011

STATE OF VERMONT  
COUNTY OF Chittenden, SS.

At Essex, in said County and State, this 20<sup>th</sup> of April 2010, personally appeared WESLEY PATNAUDE, TRUSTEE OF THE JOHN D. PATNAUDE REVOCABLE TRUST, and he acknowledged this instrument to be his free act and deed.

Before me, [Signature]  
Notary Public  
My commission expires: February 10, 2011

CHARLOTTE TOWN CLERK'S OFFICE  
RECEIVED FOR RECORD  
This 20 day of April A.D. 2010  
at 10 o'clock 20 minutes a.m. and  
recorded in vol. 185 on page 477  
Attest: [Signature] Town Clerk

ACKNOWLEDGEMENT  
Return Received (Including Certificates  
and, if Required, Act 250 Disclosure  
Statement) and Tax Paid  
Signed [Signature] Clerk  
Date 4/20/2010

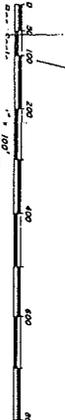
MANOR  
25/175

ORLANDI  
37/169

EDW.  
37/1

WLES  
Shelburne Partnership  
10/459

Remaining Lands  
114.99 acres

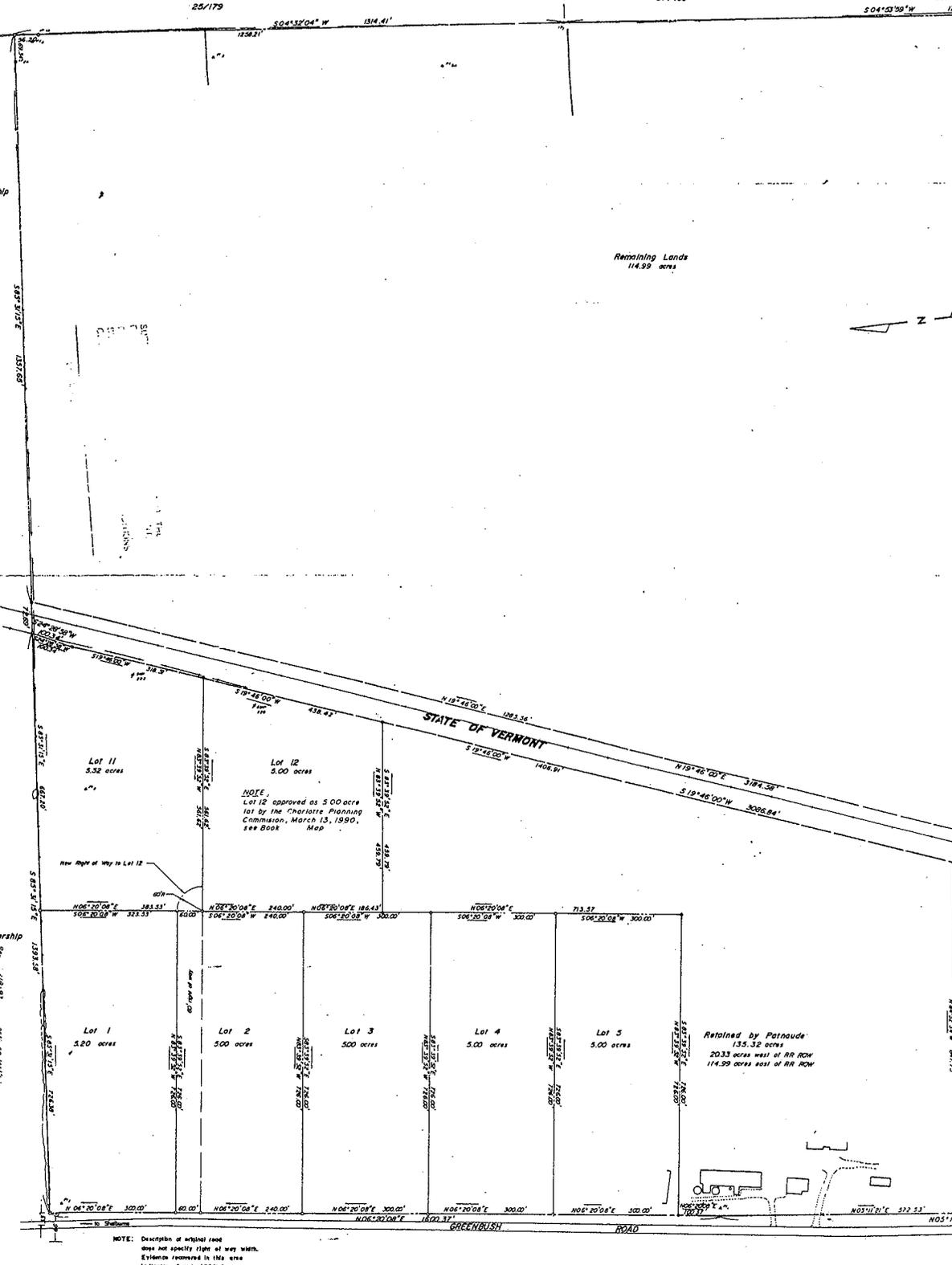


Sheet 2 of 2

COWLES  
The Shelburne Partnership

KRESS & LANSING CONSULTING ENGINEERS, INC.  
10 BORN STREET, CHARLOTTE, VERMONT 05448  
Charlotte, Vermont  
5/2/79  
20/7/79

John and Sue Ann Poinde  
FINAL PLAT OCT 13 1988



NOTE: Description of original road does not specify right of way width. Evidence recovered in this area indicates a road (66ft.).

LANDI 1/169      EDWARDS 37/150      METROPOULOS 42/414      READY 37/448

Survey Notes

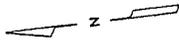
1. A closed traverse survey was completed in April 1904 using a theodolite, an electronic distance meter and a steel tape.
2. All bearings are referenced to magnetic north which is 15° east of true north.

Dead and Map References

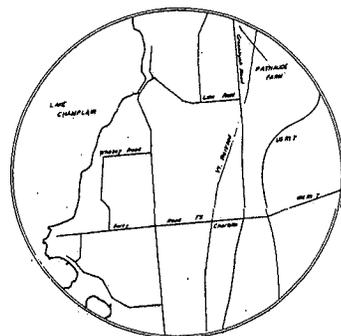
Irene King to John and Susan Patnaude	35	249
Mary Meach to William Root	17	342
Mary Meach to Nancy Root	17	343
Agreement Champlain and Connecticut River Railroad and Ezra Meach Dec. 12, 1846		not recorded

Plan of Meach Property Shelburne and Charlotte by McInnah and Crandall April 1818  
Right of Way and Track Map by Rutland Railroad 1817 and V2/112, V2/113

Lands 762



ZIENER 29/329

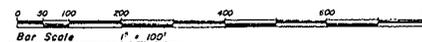


LOCATION MAP

Notes  
1. There is no lot 6 or lot 7.



SUBJECT: ...  
P.L.A.: ...  
O.R.: ...  
S.U.E.: ...  
G.F.L.: ...



I certify this survey is based on physical evidence found in the field and information obtained from deeds and other pertinent records.

Robert C. Krebs  
Robert C. Krebs

LYNCH 42/28

Dwyer Checked J.L.E. Scale 1/2" = 100' Date March 2008 Project 83/02	<b>FINAL PLAT</b> OCT 19 1 John and Sue Ann Patnaude Green Dash Rd Charlotte, Vermont <b>KREBS &amp; LANSING CONSULTING ENGINEERS, INC.</b>
--	---

Patnaude Family Trust  
Soil Profile Descriptions  
Lot 11  
September 25, 1984 and July 1, 2010

**September 25, 1984 By Frank O'Brien PE and Mary Clark VDEC**

**Test Pit 3 (TP-3)**

- 0 - 8" Topsoil (fine sandy loam)
- 8 - 24" Brown silty loam
- 24 - 36" Brown fine sandy silt, bright mottles
- 36 - 42" Dense silty clay
- 42 - 60" Broken shale, no water or ledge

**Test Pit 6 (TP-6)**

- 0 - 8" Topsoil
- 9 - 32" Brown fine sandy loam
- 32 - 43" Broken shale, no water or ledge

**July 1, 2010 by Stephen Revell LCBD178**

**Test Pit 1 (TP-1)**

- 0 - 8" Brown fine to very fine sandy loam, loose, strong granular to Crumb structure, well drained
- 8 - 24" Yellow-brown to red-brown fine sandy loam to loam, loose to friable, moderate to strong blocky structure, well drained
- 24 - 40" Tan-gray silt loam, friable, moderate to weak blocky structure, distinctly mottled, suitable for a prescriptive mound, no water or ledge



Lincoln Applied Geology, Inc.  
Environmental Consultants

### Test Pit 2 (TP-2)

- 0 - 7" Brown fine sandy loam, loose, strong granular to crumb structure, well drained
- 7 - 26" Red-brown to orange-brown very fine sandy loam to loam, friable, moderate fine blocky structure, well drained
- 26 - 38" Brown-gray silt loam, friable to firm, distinctly mottled, suitable for a prescriptive mound, no water or ledge to 38"
- +38" Broken shale type ledge and some silt loam

### Test Pit 3 (TP-3)

- 0 - 8" Brown fine sandy loam, loose, strong granular to crumb Structure
- 8 - 26" Red-brown to orange-brown fine sandy loam, loose to friable, strong fine blocky structure, mottled at 24", suitable for a prescriptive mound
- 26 - 42" Red-brown to orange-brown very fine sandy loam to loam, friable, moderate fine blocky structure, well drained, no water or ledge

### Auger Hole 1 (AH-1)

- 0 - 8" Same as TP-1 0 - 8"
- 8 - 24" Same as TP-1 8 - 24"
- 24 - 36" Same as TP-1 24 - 40"

F:\CLIENTS\2008\08011\patnaude property test pits 7-1-2010&9-25-84.doc



Lincoln Applied Geology, Inc.  
Environmental Consultants

163 Revell Drive • Lincoln, VT 05443 • (802) 453-4384 • FAX (802) 453-5399

**John and Sue Anne Patnaude  
213 Eastry Court  
Charlotte, Vermont**

**Percolation Test Results**

All tests were performed on July 1, 2010 at a depth of 24"

PT-1	Drop Time (min)	Total Drop Time (min)	Total Drop (inches)	Drop Rate (min/inch)
	6.3	6.3	1	6.3
	9.6	15.9	2	8.0
	12.5	28.4	3	9.5
	14.9	43.3	4	10.8
	15.6	58.9	5	11.8
	16.8	75.7	6	12.6
	18.2	93.9	7	13.4
	---	1440.0	---	23.4

\*NOTE:  
Drop time includes fill time for each of the seven runs.

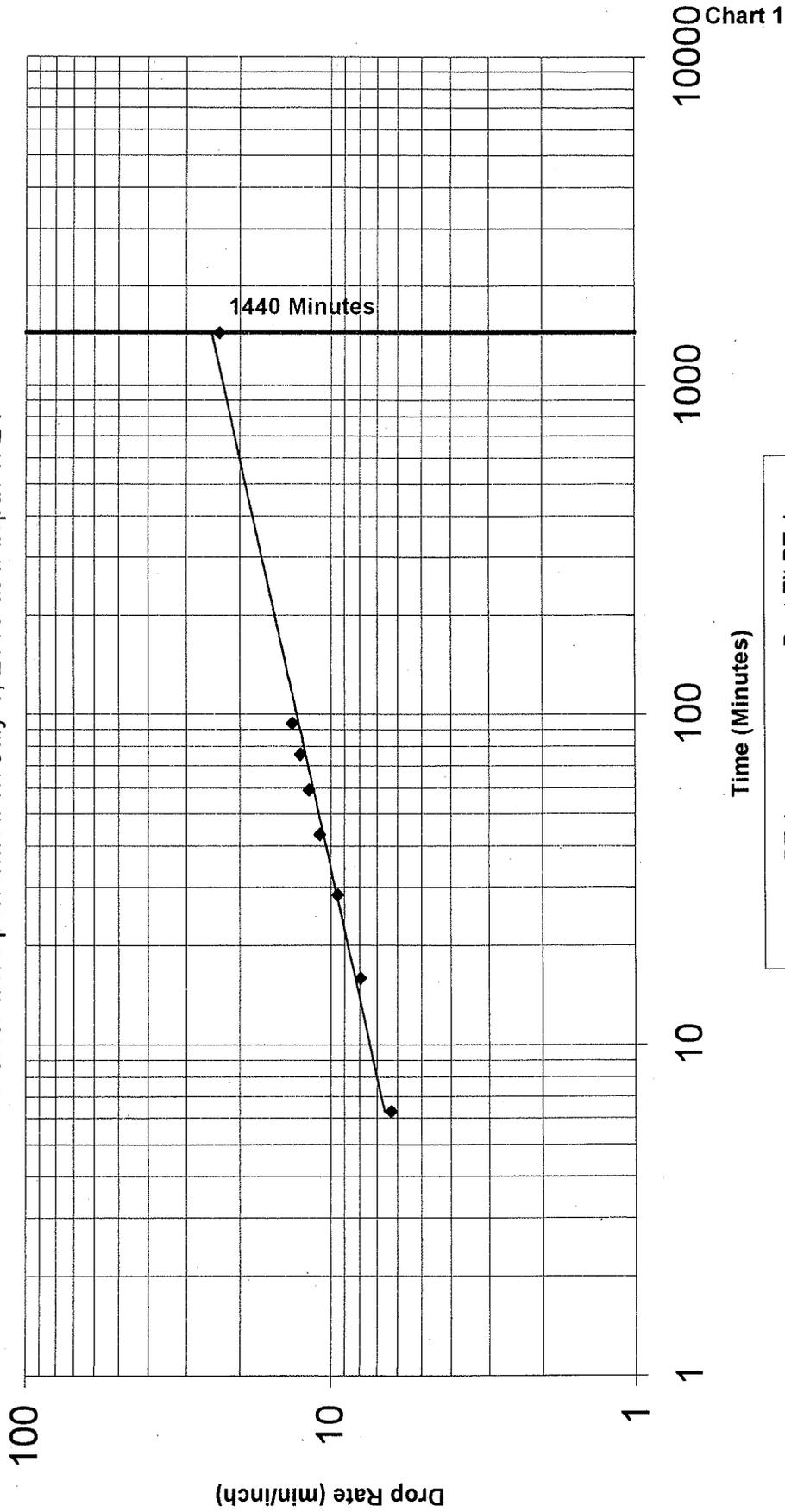
# John and Sue Anne Patnaude

213 Eastry Court

Charlotte, Vermont

## Percolation Test Results

All tests were performed on July 1, 2010 at a depth of 24"



PRESSURE DISTRIBUTION & MOUND DIMENSION DETAILS

CLIENT'S NAME: Patnaude-Lot 13  
 DATE: 8/3/2010 PERFORMED BY: S. Revell LAG Project #: 08011

Design Flow Rate	420	GPD
Width of Distribution Stone Bed/Trench	10	FEET
Length of Distribution Stone Bed/Trench	42	FEET
Thickness of Sand Beneath Distribution Stone Bed/Trench	1	FEET
Thickness of Stone Beneath Laterals	6	INCHES
Soil Cover Thickness at Edge of Level Area	12	INCHES
Front Slope of Finished Mound	33	PERCENT
Side and Rear Slope of Finished Mound	33	PERCENT
Percolation Rate	30	MPI
Natural Ground Slope	6	PERCENT
Thickness of Sand on Upper Side of Level Area	1.69	FEET
Thickness of Sand on Lower Side of Level Area	2.41	FEET
Width of Level Area	12	FEET
Length of Level Area	44	FEET
Area of Distribution Stone Bed/Trench	420	SQUARE FT
Volume of Stone Required	10	CUBIC YARDS
Proposed Basal Area	921	SQUARE FEET
Volume of Mound Sand Required	110.2	CUBIC YARDS
Number of Laterals	4	
Length of Each Lateral	19.5	FEET
Number of Orifices in the Manifold	0	
Number of Orifices in Each Lateral	7	
Distance Between Manifold and First Orifice	1.5	FEET
Distance Between Orifices (on center)	3	FEET
Distribution Area per Orifice	15.00	SQ. FT.
Design Pressure Head	5	FEET
Diameter of Orifices (enter as fraction)	0.188	INCHES
Elevation From Pump Intake to Laterals (0 if siphon)	11	FEET
Diameter of Force Main	2	INCHES
Length of Force Main	440	FEET
Length of Manifold to Lateral	2.5	FEET
Diameter of Manifold Pipe	2	INCH
Diameter of Lateral Pipe	2	INCH
Friction Loss in Force Main	6.04	FEET
Friction Loss in Manifold	0.01	FEET
Friction Loss in Section 1	0.00	FEET
Friction Loss in Entire Lateral	0.01	FEET
Discharge Rate at First Orifice	0.93	GPM
Discharge Rate at Last Orifice	0.93	GPM
Percent Difference in Flow Rate First to Last Orifice	0.05	PERCENT
Total Dynamic Head Loss	22.076	FEET
Total Distribution System Flow	23.16	GPM
Volume of Distribution System	12.73	GALLONS
Pump Capacity	23.16 GPM vs	22.076 FEET OF HEAD
Volume per Dose	105	GALLONS
On/Off Float Swing (1,000 gal. Tank)	3.5	INCHES

PRESSURE DISTRIBUTION & MOUND DIMENSION DETAILS

CLIENT'S NAME: Patnaude-Lot 13  
 DATE: 8/3/2010 PERFORMED BY: S. Revell LAG Project #: 08011

DIMENSIONS OF MOUND SYSTEM

Dimensions of Mound Sand	
4.3 feet from level area to uphill sand toe	6.1 ft corner of level area to upper toe corner
12 ft wide level area	5.1 ft to side toe from upper edge of level area
10 ft wide stone bed/trench	
42 ft long stone bed/trench	7.3 ft to side toe from lower edge of level area
44 ft long level area	
8.9 feet from level area to downhill sand toe	12.6 ft corner of level area to lower toe corner

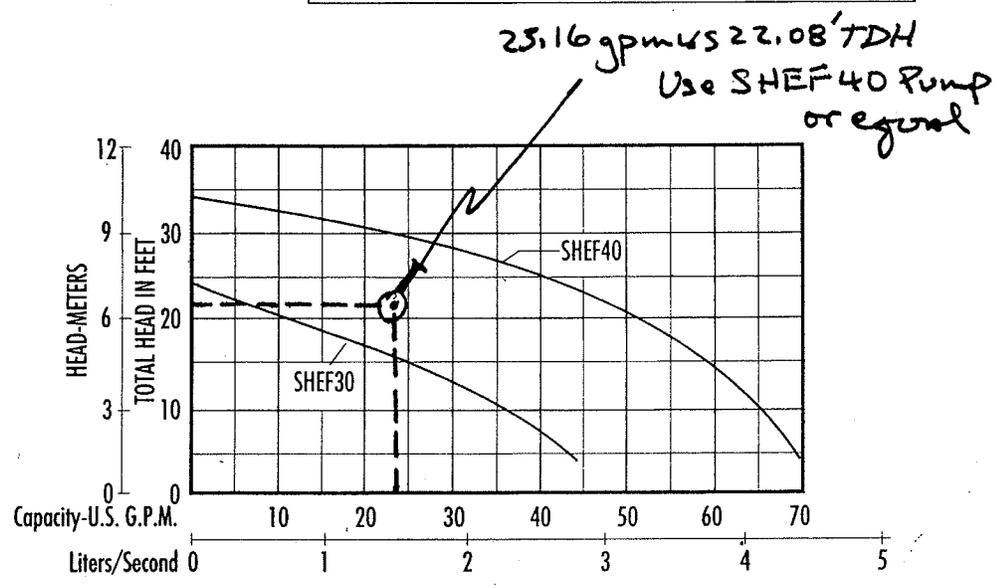
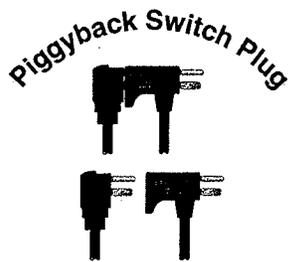
Dimensions of Final Cover	
6.9 feet from level area to uphill toe	9.8 ft corner of level area to upper fill toe
	8.2 ft to side toe from upper edge of level area
12 ft wide level area	
44 ft long level area	
	10.3 ft to side toe from lower edge of level area
	17.9 ft corner of level area to lower fill toe
12.6 feet from level area to downhill toe	

PLOW AREA LAYOUT MEASUREMENTS	
Center of Bed/Trench to Downslope Toe	39.3 feet
End of Level Area @ Midpoint to Downslope Toe	22.5 feet
Center of Bed/Trench to Upslope Toe	31.6 feet
End of Level Area @ Midpoint to Upslope Toe	14.6 feet



<b>SHEF30</b>	
Typical Application*	Sump/Effluent pump
Capacities	to 44 GPM (2.8 l/s)
Heads	to 24 ft (7.3 m)
Electrical	115V, 1ø, 8.0FLA, 60Hz
Motor	.30 HP shaded pole w/thermal overload 1550 RPM
Minimum Recommended Sump Diameter	Simplex = 18" (457mm) Duplex = 30" (762mm)
Automatic Operation	Wide angle float switch
Materials of Construction	Class 30 cast iron and engineered thermoplastic
Impeller	Thermoplastic vortex
Discharge Size	1-1/2" NPT(38.1mm)
Solids Handling	3/4" (19.1 mm)
Power Cord	20', SJTW
Superior Features	<ul style="list-style-type: none"> <li>• Carbon/Ceramic mechanical seal</li> <li>• Oil filled motor w/automatic reset thermal overload</li> <li>• Uses single row ball bearing construction</li> <li>• Piggy-back plug available for easy maintenance and replacement</li> </ul>

<b>SHEF40</b>	
Typical Application*	High Head Effluent and Dewatering
Capacities	to 70 GPM (4.4 l/s)
Heads	to 35 ft (10.7m)
Electrical	115V, 1ø, 12FLA, 60Hz 230V, 1ø, 6.5FLA, 60Hz
Motor	4/10 HP shaded pole w/thermal overload protection, 1550 RPM
Minimum Recommended Sump Diameter	Simplex = 18" (457mm) Duplex = 30" (762mm)
Automatic Operation	Wide-angle float switch (manual available)
Materials of Construction	Class 30 cast iron
Impeller	Thermoplastic vortex
Discharge Size	1-1/2" (38.1mm)
Solids Handling	3/4" (19.1 mm)
Power Cord	20', SJTW, (30' optional)
Superior Features	<ul style="list-style-type: none"> <li>• Carbon/Ceramic mechanical seal</li> <li>• Oil filled motor w/automatic reset thermal overload for maximum protection</li> <li>• Ball bearing construction</li> <li>• Piggy-back plug available for easy maintenance and replacement</li> <li>• Patented inlet design for better solids handling</li> </ul>



# Water Supply Division

VT DEC

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[dec home](#) > [wsd home](#)

## Well Details

- › Critical Infrastructure Protection Information
- › Permit, Certification & License Application Forms & Information
- › Water System Capacity Development & DWSRF
- › Well Driller & Well Location Program
- › Source Water Protection
- › Water System Operators
- › Drinking Water Quality
- › The TNC Handbook
- › Rules and Regulations
- › Staff Directory
- › News
- › Other Links of Interest
- › Agency of Natural Resources GIS Internet Mapping

Date Completed	10/04/1993
Date Received	04/14/1994
Driller	23 Clyde (Jack) Frost Frost Inc
Well Report Number	662
Tag	8-399
Comments	CASING PERFERATED AT 75'-79'
Town	Charlotte
Map Cell	03D7
Tax Map	
E911 Address	
Subdivision	
Lot Number	
Owners First Name	JOHN
Owners Last Name	PATANAUDE
Purchaser First Name	
Purchaser Last Name	
Well Use	Domestic
Well Reason	Replace existing supply
Drilling Method	Rotary (AP)
Well Depth	500.00 feet
Yield Gallons Per Minute	15.00
Yield Test Tested For Hours	0.00
Static Water Level	10.00 feet
Over Flowing	0
Overburden Thickness	66 feet
Casing Length	86.00 feet
Casing Diameter	6.00 inches
Casing Length Below Land Surface	0.00 feet
Casing Length Exposed	0.00
Casing Material	
Casing Weight	0.00 lbs/foot
Casing Finish	Above ground, finished
Liner Length	0.00 feet
Liner Diameter	0.00 inches
Liner Material	
Liner Weight	0.00 lbs/foot
Grout Type	
Seal Type	
Diameter Drilled In Bedrock	0.00 inches
Depth Drilled in Bedrock	0.00 feet
Screen Make Type	
Screen Material	
Screen Length	0.00 feet
Screen Diameter	0.00 inches
Screen Slot Size	0.000 inches
Depth of Screen	0.00 feet
Gravel Size Type	
Casing Sealing Method	Drive shoe only
Yield Test Method	Compressed air
Well Development	
Not Steel Casing	0
Water Analysis	0
Well Screen	0
AW Partial	0
Unique GIS Name	CI662
Lat Degree	44
Lat Minutes	20
Lat Seconds	33.4680
Long Degree	73
Long Minutes	15
Long Seconds	28.7580
Location DeterminationMethod	screen digitized

**Quick Links**

- › [List of Vermont Licensed Well Drillers](#)
- › [Well Driller Licensing Rule PDF](#)
- › [Well Driller License forms](#)
  
- › [Current Nationwide Threat Level: Yellow](#)

Well Type	Depth To Liner Top	0.00	Hydro Fractured	0	Hydro Fractured Resulting Flow	0.00	Well Location Submitted As A Dot On A Map N
WellMainRecordNumber	StartingDepth	EndingDepth	WaterBearing	LithologyCode	LithologyDescription		
11096	0.00	12.00		C	BROWN CLAY		
11096	12.00	40.00		C	BLUE CLAY		
11096	40.00	60.00		SI	GREY FINE SAND & SILT-WATER		
11096	60.00	66.00		G	COARSE GRAVELS-WATER		
11096	66.00	74.00		R	BLACK SHALE (SOFT)		
11096	74.00	80.00		R	FRACTURED BLACK SHALE/QUARTZ-WATER		
11096	80.00	500.00		R	BLACK SHALE (SOFT)		

If you would like search for a well or wells in a specific area the following link will relocate you to the ANR GIS Internet Mapping Program.  
<http://www.anr.state.vt.us/site/html/maps.htm>

[www.VermontDrinkingWater.org](http://www.VermontDrinkingWater.org)  
 VT DEC \* Water Supply Division \* 103 South Main Street, Old Pantry Building \* Waterbury, VT 05671-0403  
 Telephone toll-free in VT: 800-823-6500 or call 802-241-3400 \* Fax: 802-241-3284

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First Revision Issued 6-18-2010

Certification Statement for use in compliance with Act 145 of the 2010 Legislative Session

One of the two following certification statements shall be included with any application for a Wastewater System and Potable Water Supply Permit that is filed on or after June 2, 2010

Note: When the property subject to the permit application is owned by more than one person, only one of the landowners must sign the certification statement even though all landowners must sign the permit application itself.

When there are affected property owners, the applicant shall use this statement:

**I hereby certify that the attached list of names and addresses includes all those whose property may be affected by the proposed water and wastewater systems, and their associated isolation distances and zones, and that all those listed have been sent a copy of the application and any associated plans.**

Signature \_\_\_\_\_

Name (Printed) John & Sue Anne Patnaude

Date of this certification \_\_\_\_\_

Note: It will be helpful for future property transfer work if the physical address of the property or property tax ID number is included with the certification.

When there are no affected landowners, the applicant shall use this statement:

**I hereby certify that notification is not required either because there is an exemption or there are no landowners who may be affected by the proposed water and wastewater systems.**

Signature \_\_\_\_\_

Name (Printed) \_\_\_\_\_

Date of this certification \_\_\_\_\_

Patnaude Property – Lot 13 Subdivision

**List of Affected Property Owners**

1. Jean Pecor  
128 Pine Haven Shores  
Shelburne, Vt. 05482
  
2. Mr. Joe Flynn  
Rail Program Manager  
Vermont Agency of Transportation  
One National Life Drive  
Montpelier, Vt. 05633-5001



Lincoln Applied Geology, Inc.  
Environmental Consultants

163 Revell Drive • Lincoln, VT 05443 • (802) 453-4384 • FAX (802) 453-5399



September 1, 2010

Jean Pecor  
128 Pine Haven Shores  
Shelburne, Vt. 05482

RE: Patnaude Subdivision, Eastry Court, Charlotte, Vt.- Act 145 Notification

Dear Jean Pecor:

I am currently preparing an application for a State of Vermont Wastewater System and Potable Water Supply Permit on behalf of your neighbor John and Sue Anne Patnaude. The permit application requests approval to subdivide Patnaude Lot 12 to create Lot 13 which will utilize a wastewater disposal area located on Patnaude Lot 11.

Recent changes to State statute (Act 145) require me to notify you that isolation distances related to the proposed wastewater system extend onto your property. These isolation distances might limit your ability to develop this area of your property in the future. The statue change does not create any right other than notification.

I have enclosed a copy of the permit application, the associated plans and any associated documents. The plans show the isolation zones around the proposed wastewater system. If you have any questions, please contact me at 802-453-4384.

Very truly yours,

Stephen Revell CPG  
Licensed Class B Designer 178 and Principal Hydrogeologist

SR/lr  
Enclosure



September 1, 2010

Mr. Joe Flynn  
Rail Program Manager  
Vermont Agency of Transportation  
One National Life Drive  
Montpelier, Vt. 05633-5001

RE: Patnaude Subdivision, Eastry Court, Charlotte, Vt.- Act 145 Notification

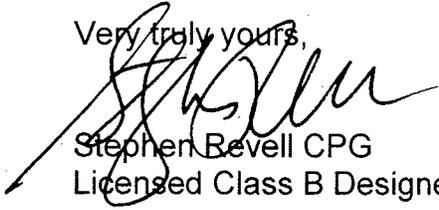
Dear Mr. Flynn:

I am currently preparing an application for a State of Vermont Wastewater System and Potable Water Supply Permit on behalf of John and Sue Anne Patnaude. The permit application requests approval to subdivide Patnaude Lot 12 to create Lot 13 which will utilize a wastewater disposal area located on Patnaude Lot 11.

Recent changes to State statute (Act 145) require me to notify you that isolation distances related to the proposed water system extend onto the State's property. These isolation distances might limit the State's ability to develop this area of the State's property in the future. The statute change does not create any right other than notification.

I have enclosed a copy of the permit application, the associated plans and any associated documents. The plans show the isolation zone around the proposed water supply well which affects the State's railroad right of way. If you have any questions, please contact me at 802-453-4384.

Very truly yours,

  
Stephen Revell CPG  
Licensed Class B Designer 178 and Principal Hydrogeologist

SR/lr  
Enclosure